

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nikiforos Kollias et al. Art Unit : Not Yet Assigned
Serial No. : Not Yet Assigned Examiner : Not Yet Assigned
Filed : Herewith
Title : COMPOUND DELIVERY USING IMPULSE TRANSIENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

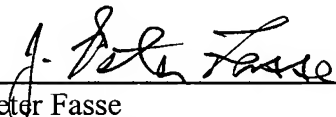
Applicants submit the references listed on the attached form PTO-1449.

Under 35 USC §120, this application relies on the earlier filing dates of application serial numbers 09/891,096, filed on June 25, 2001, and 08/978,954, filed on November 26, 1997. The following references were submitted to and/or cited by the Office in the prior applications and, therefore, copies are not provided with this statement.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 00786-275004.

Respectfully submitted,

Date: 2-5-04



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February 5, 2004
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SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:

SERIAL NO.:

00786-297004

APPLICANT: Nikiforos Kollias et al.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

FILING DATE:

GROUP

HEREWITH

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4 7 7 5 3 6 1	10-04-88	Jacques et al.	604	20	
	AB	5 3 8 6 8 3 7	02-07-95	Sterzer	128	898	
	AC	5 4 2 1 8 1 6	06-06-95	Lipkovker	604	20	
	AD	5 6 1 4 5 0 2	03-25-97	Flotte et al.	514	34	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AE							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AF	Berens et al., "Effect of Acoustic Shock Waves on Clonogenic Growth and Drug Sensitivity of Human Tumor Cells In Vitro", <u>The Journal of Urology</u> , 142:1090-1094, 1989
	AG	Doukas et al., "Physical Factors Involved in Stress-Wave-Induced Cell Injury: The Effect of Stress Gradient", <u>Ultrasound In Medicine and Biology</u> , 21: 961-967, 1995
	AH	Doukas et al., "Physical Characteristics and Biological Effects of Laser-Induced Stress Waves", <u>Ultrasound In Medicine and Biology</u> , 22:151-164, 1996
	AI	Flotte et al., "Laser-tissue Interactions VI", <u>SPIE-The International Society for Optical Engineering</u> , 2391:202-207, 1995
	AJ	Gambilher et al., "Permealibilization of the Plasma Membrane of L1210 Mouse Leukemia Cells Using Lithotripter Shock Waves", <u>The Journal of Membrane Biology</u> , 141:265-275, 1994
	AK	Holmes et al., "The Combined Effects of Shock Waves and Cisplatin Therapy on Rat Prostate Tumors", <u>The Journal of Urology</u> , 144:159-163, 1990
	AL	Lee et al., "Alteration of Cell Membrane By Stress Waves In Vitro", <u>Ultrasound in Medicine and Biology</u> , 22:1285-1293, 1996
	AM	McAuliffe et al., "Stress-Wave-Assisted Transport Through the Plasma Membrane In Vitro", <u>Lasers in Surgery and Medicine</u> , 20:216-222, 1997
	AN	Mitragotri et al., "A Mechanistic Study of Ultrasonically-Enhanced Transdermal Drug Delivery", <u>Journal of Pharmaceutical Sciences</u> , 84:697-706, June, 1995

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 00786-297004		SERIAL NO.:	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT: Nikiforos Kollias et al.			
				FILING DATE: HEREWITH		GROUP	
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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA							
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
							YES NO
BB							
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	BC	Oosterhof et al., "Effects of High-Energy Shock Waves Combined With Biological Response Modifiers in Different Human Kidney Cancer Xenografts", <u>Ultrasound in Medicine and Biology</u> , 17:391-399, 1991					
	BD	Payne et al., "Sound Skin Models--Acoustic Properties of Epidermis and Dermis", <u>Skin Models To Study Function and Disease of Skin</u> , Parks et al., ed., Springer Verlag, Berlin, pp. 402-411, 1986					
	BE	Russo et al., "High Energy Shock Waves Suppress Tumor Growth In Vitro and In Vivo", <u>The Journal of Urology</u> , 135:626-628, 1986					
	BF	Singh et al., "Transdermal Drug Delivery by Passive Diffusion and Iontophoresis: A Review", <u>Medicinal Research Reviews</u> , 13:569, 1993					
	BG	Skauen et al., "Phonophoresis", <u>International Journal of Pharmaceutics</u> , 20:235-245, 1984					
	BH	Ter Haar, "Biological Effects of Ultrasound in Clinical Applications", In <u>Ultrasound: Its Chemical, Physical, and Biological effects</u> , Suslick, ed., VCH Publishers, pp. 305-20; 1988					
	BI	Umemura et al., "Mechanism of Cell Damage by Ultrasound in Combination with Hematoporphyrin", <u>Japanese Journal of Cancer Research</u> , 81:962-966, September, 1990					
	BJ	Vivino et al., "Stable Cavitation At Low Ultrasonic Intensities Induces Cell Death and Inhibits ³ H-TdR Incorporation by Con-A-Stimulated Murine Lymphocytes In Vitro", <u>Ultrasound in Medicine and Biology</u> , 11:751-759, 1985					
	BK	Yumita et al., "Synergistic Effect of Ultrasound and Hematoporphyrin on Sarcoma 180", <u>Japanese Journal of Cancer Research</u> , 81:304-308, March, 1990					
EXAMINER				DATE CONSIDERED			
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Substitute Disclosure Form (PTO-1449)

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	AA	5	6	5	6	0	1	6	08-12-97	Ogden	601	2	
	AB	5	7	1	3	8	4	5	02-03-98	Tankovich			
	AC	5	0	4	1	1	2	1	08-20-91	Wondrazck et al.			
	AD	5	1	5	2	7	6	8	10-06-92	Bhatta			
	AE												
	AF												
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	AH												
	AI												
	AJ												
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	AN							
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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	AR							
	AS							

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